

AMENDMENTS TO THE CLAIMS

5 Detailed Listing of All Claims 1-46:

1 (currently amended). Electric motor configured for accommodation by a turbocharger center housing and configured to drive a compressor wheel, accommodated in a compressor housing, via a shaft supported by a bearing in the turbocharger center housing, said electric motor being supplied with electric power

10 ~~through at least one motor plug connector~~, characterized in that

a circular printed circuit board is disposed coaxial to a volute of the compressor housing between said volute and the compressor wheel;

motor plug connectors are arranged at intervals on a circle around the axis of said electric motor; and

15 said motor plug connectors [[is]]are disposed on an axial side of said electric motor, facing said compressor housing, and configured to electrically connect to said circular printed circuit board.

2 (currently amended). Electric motor according to claim 1, wherein said motor

20 plug connectors [[is]]are formed as [[a]] male plug connectors.

3 (currently amended). Electric motor according to claim 1, wherein said motor

plug connectors [[is]]are formed as [[a]] female plug connectors.

25 4 (canceled).

5 (original). Electric motor according to claim 1, wherein the motor plug connectors are blade-shaped and extend in an axial direction of the electric motor.

6 (original). Electric motor according to claim 5, wherein the motor plug connectors are slanted with respect to the radial direction of the electric motor.

7 (original). Electric motor according to claim 5, wherein the motor plug connectors
5 are perpendicular to the radial direction of the electric motor.

8 (original). Electric motor according to any of claims 5 to 7, provided with six motor plug connectors each of which is a connector to a lead wire.

10 9 (currently amended). Electric motor according to any of the preceding claims, accommodated in an electric motor cartridge, wherein said ~~at least one~~ motor plug connectors penetrate[[s]] the electric motor cartridge.

15 10 (currently amended). Compressor housing for accommodating a compressor wheel drivable by an electric motor via a shaft connected to the compressor wheel, characterized in that said compressor housing comprises

a circular printed circuit board disposed between a volute of said compressor housing and the compressor wheel;

20 at least one main power plug connector electrically connected to said circuit board and connectable to an electric power source; and

at least one housing plug connectors electrically connected to said circular printed circuit board and electrically connected to a respective one of the at least one of said at least one main power plug connector for supplying said electric motor with electric power, wherein

25 said housing plug connectors [[is]] are disposed on an axial side of said compressor housing, facing said electric motor, arranged by intervals on a circle around the axis of the compressor housing.

30 11 (currently amended). Compressor housing according to claim 10, wherein said housing plug connectors [[is]] are formed as [[a]] female plug connectors.

12 (currently amended). Compressor housing according to claim 10, wherein said housing plug connectors [[is]]are formed as [[a]] male plug connectors.

13 (currently amended). Compressor housing according to claim 11 or 12,

5 wherein said at least one main power plug connector is connected to [[said]] at least one of said housing plug connectors via [[a]]the printed circuit board.

14 (canceled).

10 15 (currently amended). Compressor housing according to claim 14, wherein a plurality of main power plug connectors is arranged as a bundle on the side of the [[a]] printed circuit board opposite to the side where the housing plug connectors are disposed.

15 16 (original). Compressor housing according to claim 15, wherein the housing plug connectors are slot-shaped and extend in an axial direction of the compressor housing.

17 (currently amended). Compressor housing according to claim 16, wherein the 20 housing plug connectors are slanted with respect to the radial direction of the compressor housing.

18 (currently amended). Compressor housing according to claim 16, wherein the housing plug connectors are perpendicular to the radial direction of the compressor 25 housing.

19 (original). Compressor housing according to any of claims 16 to 18, provided with six housing plug connectors each of which is a connector to a lead wire.

20 (original). Compressor housing according to any of claims 15 to 19, wherein the printed circuit board is provided with at least one track for connecting each of the main power plug connectors to the respective one of the housing plug connectors.

5 21 (original). Compressor housing according to claim 20, wherein the printed circuit board is provided with three tracks.

22 (canceled).

10 23 (currently amended). Turbocharger comprising an electric motor for driving a compressor wheel accommodated in a compressor housing, said electric motor being supplied with electric power through ~~at least one motor plug connectors~~, further comprising

a turbine housing for accommodating a turbine wheel driven by exhaust gas;
15 a center housing for accommodating a shaft and the electric motor, the shaft serving as a rotor of the electric motor and extending from the turbine wheel through a journal bearing and the electric motor to the compressor wheel; wherein the compressor wheel is driven by the turbine wheel via the shaft and can additionally be driven by the electric motor, characterized in that

20 said motor plug connectors [[is]]are disposed on an axial side of said electric motor, facing said compressor housing wherein said motor plug connectors are arranged at intervals on a circle around the axis of the electric motor and configured to electrically connect with a circular printed circuit board disposed between a volute of said compressor housing and the compressor wheel.

25 24 (currently amended). Turbocharger according to claim 23, wherein said motor plug connectors [[is]]are formed as [[a]] male plug connectors.

30 25 (currently amended). Turbocharger according to claim 23, wherein said motor plug connectors [[is]]are formed as a female plug connector.

26 (canceled).

27 (original). Turbocharger according to claim 23, wherein the motor plug connectors are blade-shaped and extend in an axial direction of the electric motor.

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28 (original). Turbocharger according to claim 27, wherein the motor plug connectors are slanted with respect to the radial direction of the electric motor.

29 (original). Turbocharger according to claim 27, wherein the motor plug

10 connectors are perpendicular to the radial direction of the electric motor.

30 (original). Turbocharger according to any of claims 26 to 29, provided with six motor plug connectors each of which is a connector to lead wire.

15 31 (currently amended). Turbocharger according to any of the claims 23 to 30, wherein the electric motor is accommodated in an electric motor cartridge, wherein said ~~at least one~~ motor plug connectors penetrate[[s]] the electric motor cartridge.

20 32 (currently amended). Turbocharger comprising a compressor housing for accommodating a compressor wheel drivable by an electric motor, further comprising

a turbine housing for accommodating a turbine wheel driven by exhaust gas;
a center housing for accommodating a shaft and the electric motor, the shaft serving as a rotor of the electric motor and extending from the turbine wheel through
25 a journal bearing and the electric motor to the compressor wheel; wherein the compressor wheel is driven by the turbine wheel via the shaft and can additionally be driven by the electric motor, characterized in that

said compressor housing further comprises

a circular printed circuit board disposed between a volute of said compressor

30 housing and the compressor wheel;

at least one main power plug connector electrically connected to said circuit board and connectable to an electric power source; and

at least one housing plug connectors electrically connected to said circular printed circuit board and electrically connected to at least one a respective one of

5 the at least one main power plug connector for supplying said electric motor with electric power, wherein

 said housing plug connectors [[is]]are disposed on an axial side of said compressor housing, facing said electric motor, arranged by intervals on a circle around the axis of the compressor housing.

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33 (currently amended). Turbocharger according to claim 32, wherein said housing plug connectors [[is]]are formed as [[a]] female plug connectors.

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34 (currently amended). Turbocharger according to claim 32, wherein said housing plug connectors [[is]]are formed as [[a]] male plug connectors.

35 (currently amended). Turbocharger according to claim 33 or 34, wherein said at least one main power plug connector is connected to said ~~at least one~~ housing plug connectors via [[a]]the printed circuit board.

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36 (currently amended). Turbocharger according to claim 32, wherein ~~a plurality of~~ said housing plug connectors [[is]]are arranged by equal intervals on a circle around the axis of the compressor housing.

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37 (currently amended). Turbocharger according to claim 36, wherein a plurality of main power plug connectors is arranged as a bundle on the side of the[[a]] printed circuit board opposite to the side where the housing plug connectors are disposed.

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38 (original). Turbocharger according to claim 37, wherein the housing plug connectors are slot-shaped and extend in an axial direction of the compressor housing.

39 (original). Turbocharger according to claim 38, wherein housing plug connectors are slanted with respect to the radial direction of the compressor housing.

5 40 (original). Turbocharger according to claim 38, wherein housing plug connectors are perpendicular to the radial direction of the compressor housing.

41 (original). Turbocharger according to any of claims 38 to 40, provided with six housing plug connectors each of which is a connector to a lead wire.

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42 (original). Turbocharger according to any of claims 37 to 41, wherein the printed circuit board is provided with at least one track for connecting each of the main power plug connectors to the respective one of the housing plug connectors.

15 43 (original). Turbocharger according to claim 42, wherein the printed circuit board is provided with three tracks.

44 (canceled).

20 45 (currently amended). Turbocharger comprising a compressor housing for accommodating a compressor wheel drivable by an electric motor and an electric motor for driving a compressor wheel accommodated in a compressor housing, said electric motor being supplied with electric power through ~~at least one~~ motor plug connectors, further comprising

25 a turbine housing for accommodating a turbine wheel driven by exhaust gas;
a center housing for accommodating a shaft and the electric motor, the shaft serving as a rotor of the electric motor and extending from the turbine wheel through a journal bearing and the electric motor to the compressor wheel wherein the compressor wheel is driven by the turbine wheel via the shaft and can additionally
30 be driven by the electric motor,
characterized in that

5 said compressor housing further comprises
at least one main power plug connector electrically connected to a circular
printed circuit board and connectable to an electric power source; and
at least one housing plug connectors electrically connected to said printed
circuit board and electrically connected to at least one of a respective the at least
one of the main power plug connector for supplying said electric motor with electric
power, wherein

10 said circular printed circuit board is disposed between a volute of the
compressor housing and the compressor wheel;

15 said housing plug connectors [[is]]are disposed on an axial side of said
compressor housing, facing said electric motor, and

20 said motor plug connectors [[is]]are disposed on an axial side of said electric
motor, facing said compressor housing, arranged by intervals on a circle around the
axis of the compressor housing.

25 46 (previously presented). Turbocharger comprising a compressor housing, a
center housing and an electric motor according to claim 1, further comprising
a turbine housing for accommodating a turbine wheel driven by exhaust gas;
the center housing for accommodating the shaft and the electric motor, the
shaft serving as a rotor of the electric motor and extending from the turbine wheel
through the bearing and the electric motor to the compressor wheel; wherein the
compressor wheel is driven by the turbine wheel via the shaft and can additionally
be driven by the electric motor.